

Fig. 1a

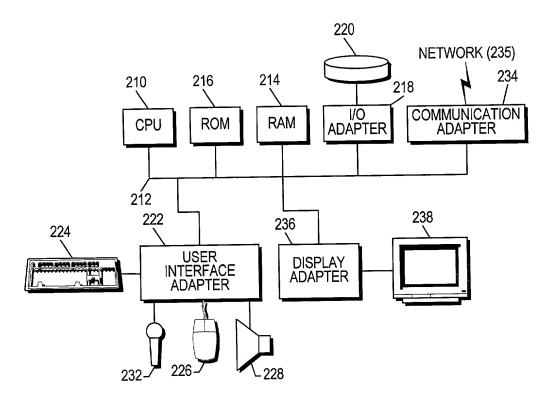
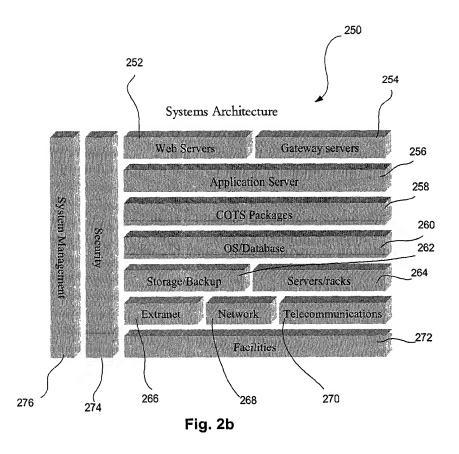


Fig. 2



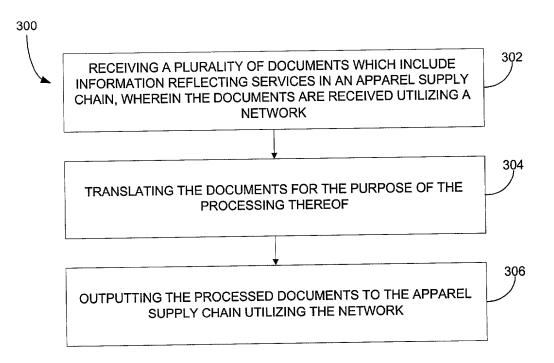


Fig. 3

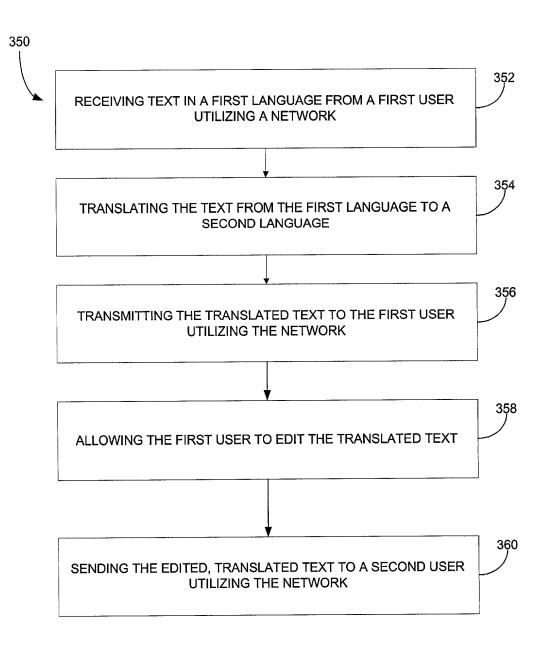


Fig. 3a

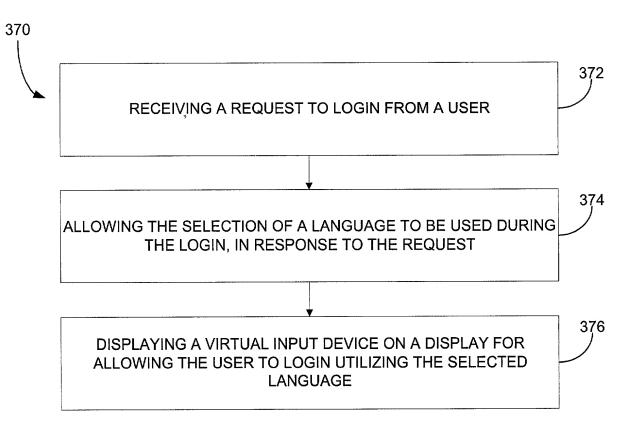


Fig. 3b

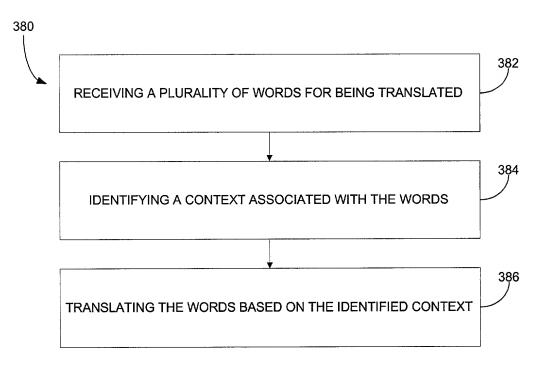


Fig. 3c

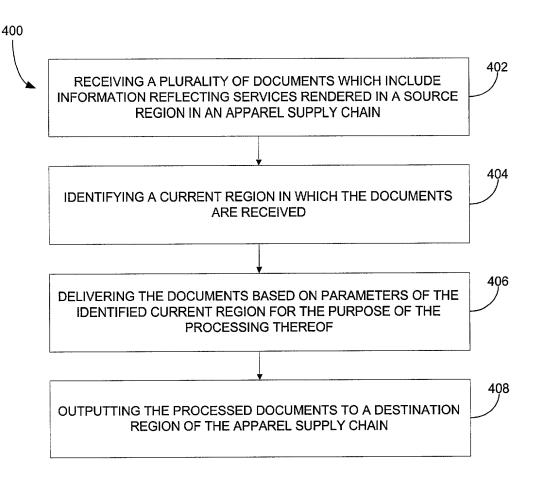


Fig. 4

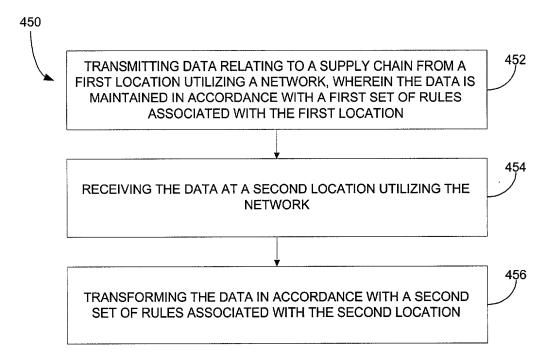


Fig. 4a

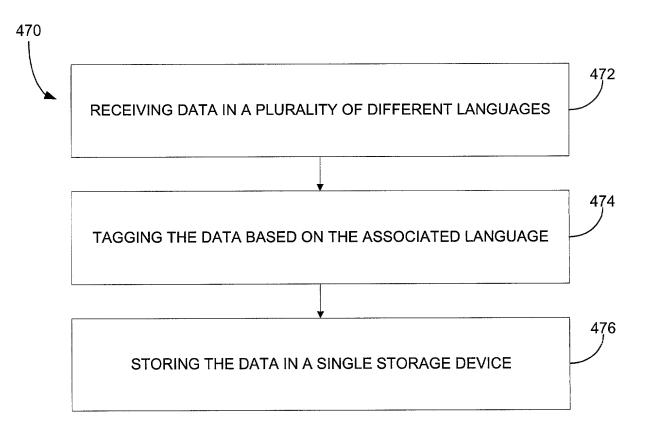


Fig. 4b

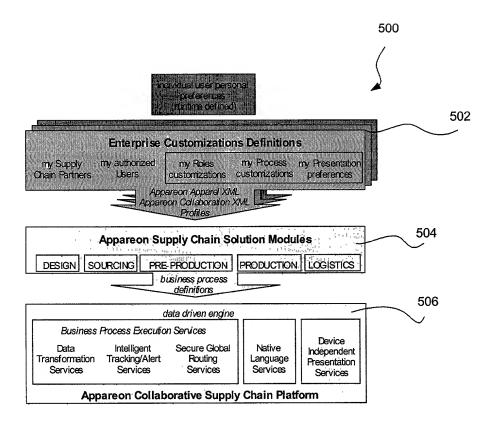


Fig. 5a

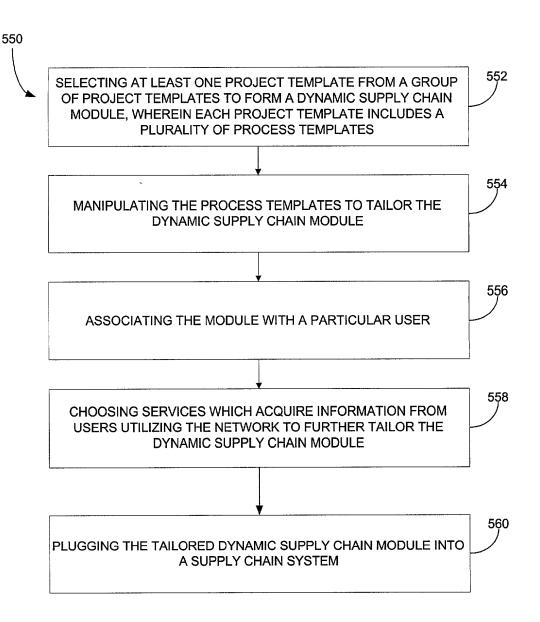


Fig. 5b

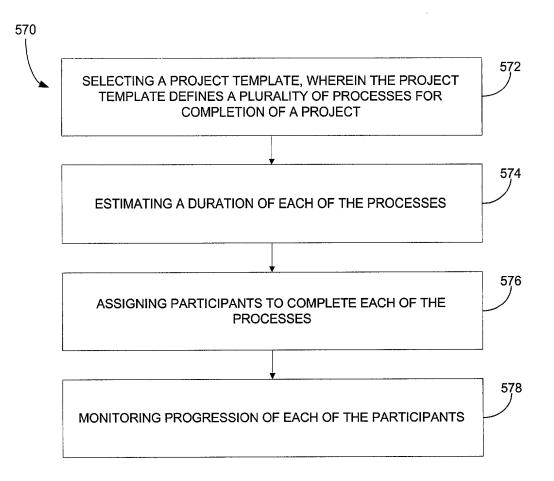


Fig. 5c

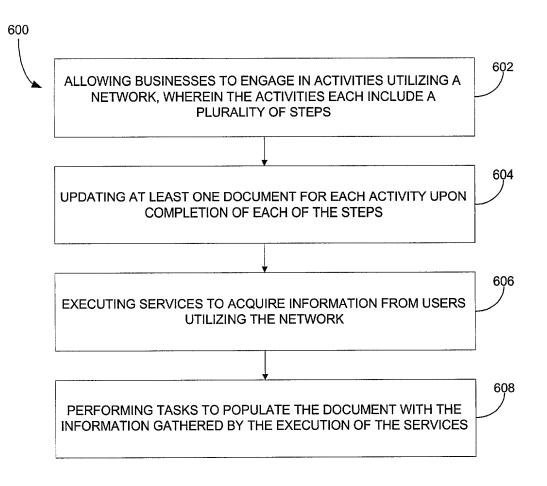


Fig. 6a

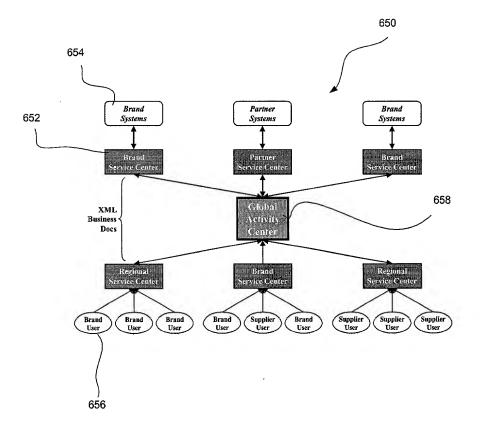


Fig. 6b



| Abstraction Level | Action | Output | Type of State | Example |
|----------------------|---------|-------------------|----------------|-------------------|
| Activity | Conduct | Economic Exchange | Business | Source Prodcution |
| Service | Utilize | Business Document | Transactional | Respond to RFQ |
| Task | Execute | User Input | Conversational | Select Material |

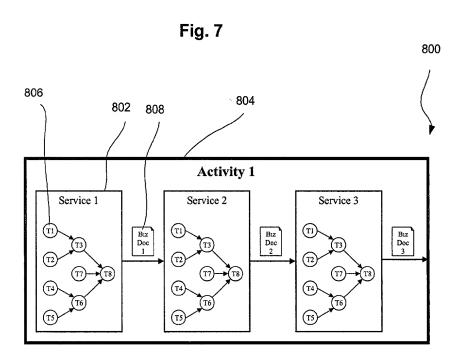
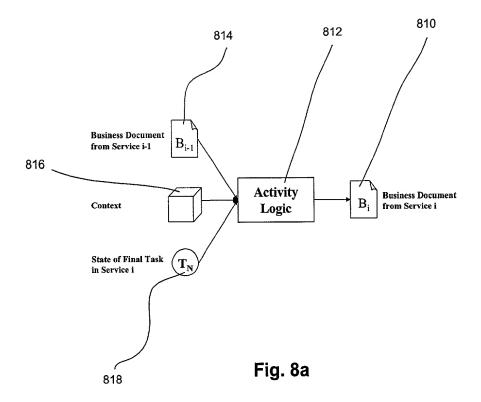


Fig. 8



| Document Category | Purpose | Working Store | Examples |
|-----------------------|---|-------------------------------------|--------------------------------------|
| Collaboration Docs | Represent the exchange of business information among trading partners | DB of Record Master Doc Store | Quote Purchase Order |
| Service Docs | Represent the contribution of a trading partner to a collaboration | Local Doc Store | Service State Structure |
| Presentation Docs | Represent the layout of a user interface | Local Doc Store | HTML Template Widget Transform |
| Control Docs | Control the execution of the Collaboration, Conversation, and Presentation Managers | Local Doc Store Master Doc Store | Routing Rules Service Definition |
| System Docs | Maintain consistent state across all distributed system nodes | DB of Record Master Doc Store | Update Data Order Get Doc Request |

Fig. 8b

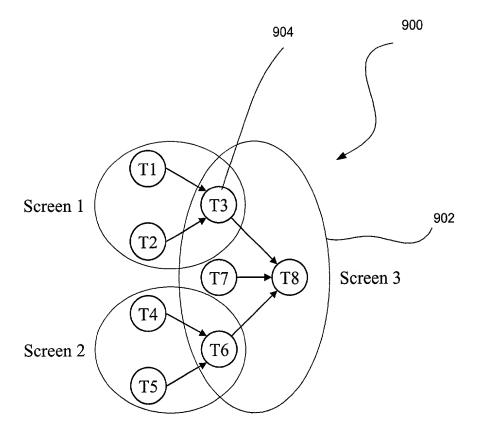


Fig. 9

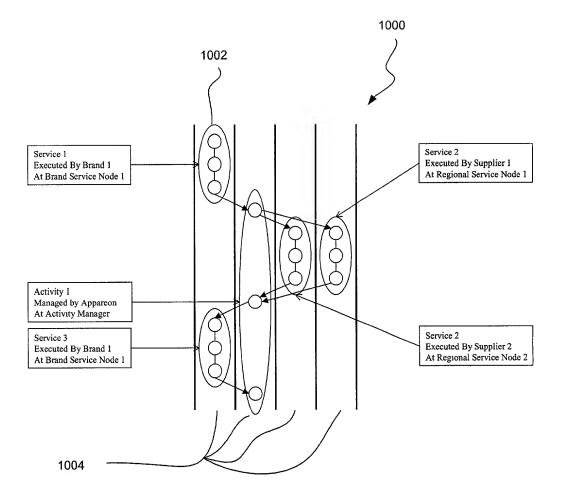


Fig. 10

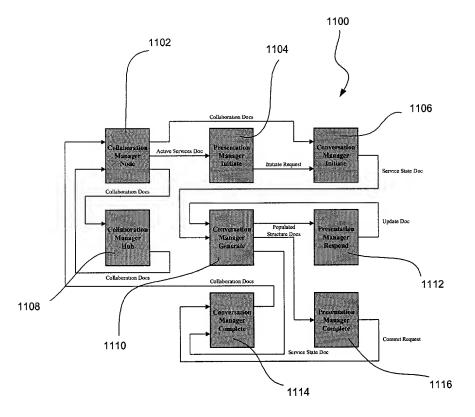


Fig. 11

